

Amaan Khan

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LinkedIn

GitHub

LeetCode

Portfolio

Education

Indian Institute of Information Technology, Surat

Bachelor of Technology (B.Tech) in Computer Science and Engineering

Aug 2022 – May 2026

CGPA: 7.63 (up to 6th semester)

Decent Junior College, Nagpur, Maharashtra

Higher Secondary Certificate (HSC) – Science Stream

July 2021

Grade: 9.4

Experience

WictroniX

June 2023 – August 2023

Frontend Developer Intern

Remote

- Optimized web application performance by 30% through code-splitting, lazy loading, and caching strategies, resulting in faster page loads and smoother user experience.
- Debugged and resolved UI/UX inconsistencies, achieving a 95% reduction in design-related issues and improving overall usability.
- Recognized among the top 10% of interns for delivering impactful solutions that enhanced project efficiency and client satisfaction.

DevHeat Beta 2023 (Top 3 Finalist)

September 2023 – October 2023

Team Lead – Web Development Project

- Led a 4-member team to design and develop **Ask Us**, a global knowledge-sharing platform enabling real-time Q&A and collaborative learning.
- Engineered a modern, responsive interface using React.js, Material UI, Bootstrap, and Tailwind CSS, and integrated a scalable backend using Firebase and Node.js for secure data management.

Projects

Intelligent Document Search & Classification System | Python, Streamlit, FastAPI, NLP, Machine Learning, FAISS [Project Link](#)

- Developed an end-to-end intelligent document management system supporting document ingestion, preprocessing, semantic search, and classification using Streamlit UI and FastAPI.
- Implemented a modular pipeline: text extraction → NLP preprocessing → embeddings generation (Sentence-Transformers) → FAISS vector indexing → ML classification (Logistic Regression, SVM, Random Forest).
- Leveraged PyPDF2, python-docx, textract, scikit-learn, pandas, numpy for large-scale document parsing and data insights.

InterviewAI – AI-Powered Interview Platform | Next.js, GeminiAI, PostgreSQL, Drizzle ORM, Clerk, Tailwind CSS [Project Link](#)

- Built a full-stack AI interview platform, increasing candidate success rates by 50%.
- Optimized PostgreSQL + Drizzle ORM queries, cutting latency by 40%.
- Integrated GeminiAI API to auto-generate role- and stack-specific interview questions.
- Implemented secure Clerk authentication with personalized dashboards for interview history tracking.

YourPlaces – Real-Time Location Sharing Platform | React.js, Node.js, Express.js, MongoDB, Firebase [Project Link](#)

- Developed a real-time MERN + Firebase platform enabling users to share and explore locations, increasing engagement by 40%.
- Integrated Ola Maps Geocoding API for 90% accurate location detection and seamless interactive map visualization.

Technical Skills

Programming Languages: C, C++, Python, JavaScript, HTML5, CSS3

Web Technologies & Frameworks: React.js, Node.js, Express.js, Bootstrap, Tailwind CSS, WordPress

Databases & Cloud: MySQL, MongoDB, Firebase

Developer Tools: Git, GitHub, Postman, Figma, VS Code, Android Studio

Machine Learning & Data Science: TensorFlow, Scikit-learn, Pandas, NumPy, Natural Language Processing

Achievements

- DEVHEAT Hackathon (GDSC Event)** – Secured **3rd place out of 36 teams** by leading development of an innovative solution to the “Answer Voyage” challenge, showcasing full-stack development and problem-solving expertise.
- Achieved a **LeetCode Contest Rating of 1722**, reflecting advanced proficiency in data structures, algorithms, and competitive programming.
- Sports Lead – Indominus, IIIT Surat (2024 – Present)** – Directed a **40-member organizing team**, managing events that engaged **300+ students** and boosted campus participation by **20%**.